

Attorney Docket No. 05679/LH

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicant(s) : Yasuaki NAGASHIMA et al  
Serial No. : 10/553,161  
Filed : October 14, 2005  
Art Unit : 2828

**REQUEST FOR CORRECTED  
FILING RECEIPT AND CORRECTED  
NOTICE OF ACCEPTANCE**

Commissioner of Patents

**ATTN: APPLICATIONS BRANCH**

Sir:

Please issue a corrected Filing Receipt and a corrected Notice of Acceptance correcting the errors indicated in handwriting on the accompanying copy. Please also correct the Patent Office records.

**FILING RECEIPT**

1. Under Applicant(s), change the last name of the third inventor from "SHIMON" to --SHIMOSE--;
2. Add "Assignment for Published Patent Application" and under this heading add --Anritsu Corporation--;
3. Under Foreign Applications, insert --Japan 2004-074636 03/16/2004--.

**CERTIFICATE OF MAILING**

I hereby certify this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Asst. Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 on the date noted below.

  
Joanna Joseph

Dated: October 26, 2006

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

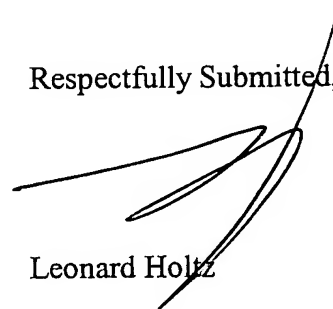
**NOTICE OF ACCEPTANCE** Under PRIORITY DATE, insert --03/16/2004--.

Our transmittal letter dated October 14, 2005 and the executed Declaration indicate the correct spelling of the last name of the third named inventor and the priority application data.

The paper entitled Request for Publication of Assignment Information filed October 14, 2005 provided the Assignment Information.

Frishauf, Holtz, Goodman  
& Chick, P.C.  
220 Fifth Avenue - 16<sup>th</sup> Fl.  
New York, N.Y. 10001-7708  
Tel (212) 319- 4900  
Fax (212) 319 -5101  
LH/jj

Respectfully Submitted,

A handwritten signature in black ink, appearing to be 'Leonard Holtz', written over the printed name.

Leonard Holtz

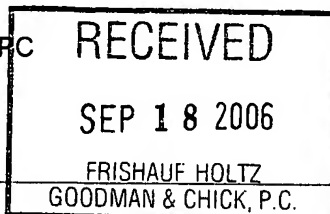
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/553,161	10/14/2005	2828	900	05679/LH	12	19	1

CONFIRMATION NO. 9067

01933  
 FRISHAUF, HOLTZ, GOODMAN & CHICK, PC  
 220 Fifth Avenue  
 16TH Floor  
 NEW YORK, NY 10001-7708



## FILING RECEIPT



\*OC000000020389356\*

Date Mailed: 09/13/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Yasuaki Nagashima, Atsugi-shi, JAPAN;  
 Atsushi Yamada, Atsugi-shi, JAPAN;  
 Yoshiharu Shimizu, Atsugi-shi, JAPAN;  
 Tomoyuki Kikugawa, Atsugi-shi, JAPAN;

SHIMOSE

Assignment for Published Patent Application: Anritsu Corporation

Power of Attorney: The patent practitioners associated with Customer Number 01933.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP05/04556 03/15/2005

## Foreign Applications

Japan 2004-074636 03/16/2004  
 Projected Publication Date: 12/21/2006

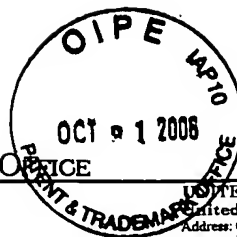
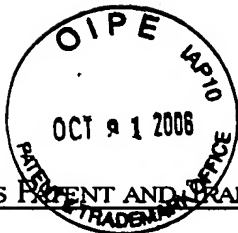
Non-Publication Request: No

Early Publication Request: No

## Title

Semiconductor laser capable of coupling with single mode optical fiber at high coupling efficiency

Preliminary Class



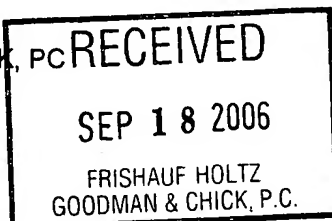
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UNITED STATES DEPARTMENT OF COMMERCE  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/553,161	Yasuaki Nagashima	05679/LH

01933

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.  
 220 Fifth Avenue  
 16TH Floor  
 NEW YORK, NY 10001-7708



INTERNATIONAL APPLICATION NO.
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PCT/JP05/04556

I.A. FILING DATE	PRIORITY DATE
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03/15/2005

03/16/2004

CONFIRMATION NO. 9067

371 ACCEPTANCE LETTER



\*OC000000020389357\*

Date Mailed: 09/13/2006

### NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States' Application Number assigned to the application is shown above and the relevant dates are:

<u>10/14/2005</u>	<u>10/14/2005</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 10/14/2005
- English Translation of the IA filed on 10/14/2005
- Copy of the International Search Report filed on 10/14/2005
- Preliminary Amendments filed on 10/14/2005
- Information Disclosure Statements filed on 10/14/2005
- Oath or Declaration filed on 10/14/2005
- Request for Immediate Examination filed on 10/14/2005
- U.S. Basic National Fees filed on 10/14/2005
- Assignment filed on 10/14/2005
- Priority Documents filed on 10/14/2005

O I P E IAP28  
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PATENT & TRADEMARK OFFICE

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U.S. Patent and Trademark Office

PTO-1390 (Rev. 02-2005)  
Valid for use through 3/31/2007. OMB 0651-0021  
U.S. DEPARTMENT OF COMMERCE

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

05679/LH

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/JP2005/004556

INTERNATIONAL FILING DATE  
15 MARCH 2005

PRIORITY DATE CLAIMED  
16 MARCH 2004

TITLE OF INVENTION  
**SEMICONDUCTOR LASER CAPABLE OF COUPLING WITH SINGLE MODE OPTICAL FIBER AT HIGH COUPLING EFFICIENCY**

APPLICANT(S) FOR DO/EO/US

**Yasuaki NAGASHIMA; Atsushi YAMADA; Yoshiharu SHIMOSE & Tomoyuki KIKUGAWA.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:

12 sheets formal drawings (Figs. 1-17); Int. Search Report;  
Change of Correspondence Address; Request for Pub. Of  
Assignment Information; 10 references.

Express Mail Label No. EV 720 477 717 US

Date of Deposit: October 14, 2005

I hereby certify that this paper is being deposited with the United States Postal Service  
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Patents, P.O. Box 1450, Alexandria VA 22313-1450

Barbara Villani



# DECLARATION FOR PATENT APPLICATION

G-1663  
(05S0429P1)

I, the below named inventor, I declare :

that I verily believe myself to be the original, first and sole (if only one individual inventor is listed below) or an original, first and joint inventor (if more than one individual inventor is listed below ) of the invention in

## SEMICONDUCTOR LASER CAPABLE OF COUPLING WITH SINGLE MODE OPTICAL FIBER AT HIGH COUPLING EFFICIENCY

the specification of which is attached hereto unless the following box is checked.

☒ was filed on March 15, 2005 as United States Application or PCT International Application No. PCT/JP2005/004556 , and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information of which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Country	Category	Application Number	Filing Date	Priority Claim
Japan	Patent	2004-074636	March 16, 2004	Yes

I hereby appoint as my attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith the practitioners at

Customer Number : 01933

of Frishauf, Holtz, Goodman & Chick, P.C.. Please address all correspondence and telephone communications to the address and telephone number for this Customer Number.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DECLARATION FOR PATENT APPLICATION

G-1663  
(05S0429P1)

I declare further that my citizenship, residence and mailing address are as stated below above my name:

[1st Inventor]

Residence Address: Atsugi-shi, Japan

Mailing Address: c/o Intellectual Property Promotion Department, ANRITSU CORPRATION,  
1800, Onna, Atsugi-shi, Kanagawa 243-8555 Japan

Citizenship: Japan

Yasuaki Nagashima  
Yasuaki Nagashima

SEP. 28. 2005

Date:

[2nd Inventor]

Residence Address: Atsugi-shi, Japan

Mailing Address: c/o Intellectual Property Promotion Department, ANRITSU CORPRATION,  
1800, Onna, Atsugi-shi, Kanagawa 243-8555 Japan

Citizenship: Japan

Atsushi Yamada  
Atsushi Yamada

SEP. 28. 2005

Date:

[3rd Inventor]

Residence Address: Atsugi-shi, Japan

Mailing Address: c/o Intellectual Property Promotion Department, ANRITSU CORPRATION,  
1800, Onna, Atsugi-shi, Kanagawa 243-8555 Japan

Citizenship: Japan

Yoshiharu Shimose  
Yoshiharu Shimose

SEP. 28. 2005

Date:

[4th Inventor]

Residence Address: Atsugi-shi, Japan

Mailing Address: c/o Intellectual Property Promotion Department, ANRITSU CORPRATION,  
1800, Onna, Atsugi-shi, Kanagawa 243-8555 Japan

Citizenship: Japan

Tomoyuki Kikugawa  
Tomoyuki Kikugawa

SEP. 28. 2005

Date:

[5th Inventor]

Residence Address:

Mailing Address:

Citizenship:



Attorney Docket No. 05679/LH

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): Y. NAGASHIMA et al

Serial No. : National Phase of  
PCT/JP2005/004556

Filed : Herewith

For : SEMICONDUCTOR LASER  
CAPABLE OF COUPLING  
WITH SINGLE MODE  
OPTICAL FIBER AT HIGH  
COUPLING EFFICIENCY

Art Unit :  
Examiner :

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Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450

  
Barbara Villani

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hereto, authorization to charge the  
extension fee, or any other fee required  
in connection with this Paper, to Account  
No. 06-1378.

**REQUEST FOR PUBLICATION OF  
ASSIGNMENT INFORMATION**

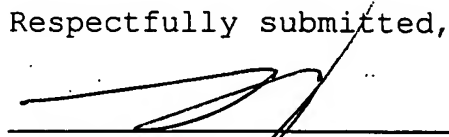
Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

S I R :

It is requested that the following assignment information be  
published as part of the 18 month publication of the present  
application:

Anritsu Corporation  
1800, Onna, Atsugi-shi,  
Kanagawa 243-8555 JAPAN

Respectfully submitted,

  
LEONARD HOLTZ  
Reg. No. 22,974

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